

PATENT ABSTRACTS OF JAPAN

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(71)Applicant : **TOSHIBA CORP**

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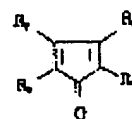
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(54) ELECTROPHOTOGRAPHIC SENSITIVE BODY

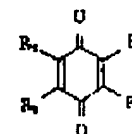
(57)Abstract:

PURPOSE: To enhance electrification potential by small corona charging and charging speed by incorporating a specified additive in a charge transfer layer.

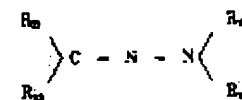
CONSTITUTION: The electrophotographic sensitive body is formed by successively laminating on a conductive supporting body a charge generating layer (A) containing phthalocyanine pigments, etc., and the charge transfer layer (B), preferably, containing at least one of the additives represented by formula I and II and as charge transfer material, one of the hydrazone compounds represented by formula III. In these formulae, each of R1WR8 is H, alkyl, or the like; R9 is an aryl or heterocyclic group; R10 is aryl, alkyl or the like; R11 is an aryl or heterocyclic group, or the like; and R12 is aryl, H, or the like. The layer (B) can be formed by coating on the layer (A) with a solution containing a binder, such as polyarylate, and said additive and said hydrazone compound.



(I)



(II)



(III)

LEGAL STATUS

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